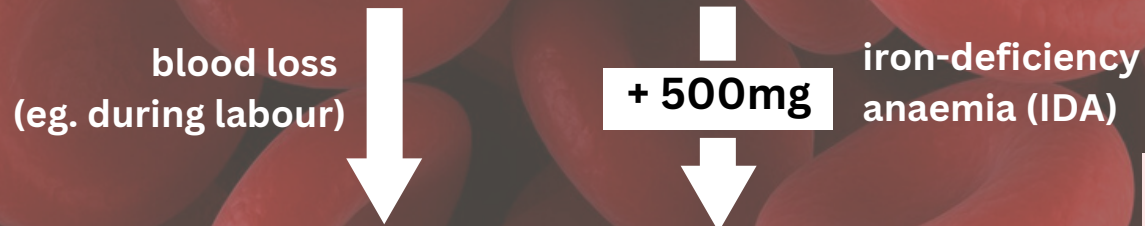


COSMOFER®

Iron(III)-hydroxide dextran complex

Prepared by: PRIC Hospital Sungai Buloh (ext: 4126)

$$\text{Dose (mg)} = \text{Body Weight* (kg)} \times (\text{Target Hb} - \text{Current Hb in g/dL}) \times 2.4$$



***Pregnant:** use pre-pregnancy body weight

***Obese (>30 kg/m²):** use ideal body weight

Final dose of Cosmofer (test dose included)

Round up to the nearest 100mg

Dose ≤ 20mg/kg

Dose > 20mg/kg

Administer as single dose

Administer 20mg/kg in the 1st infusion (TDI), then the remainder in the 2nd infusion.

One week for every 600mg of iron given in the first infusion should be allowed between the 1st and 2nd doses.

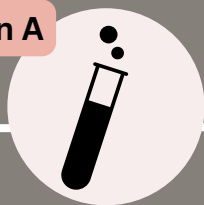
Intravenous iron preparations are indicated when oral iron therapy has failed or rapid replenishment is required. [2]

Order in eHIS



Include patient's body weight, indication, target and current Hb in the remark

Dilution A



Dilute 1 vial of Cosmofer in 100mL NS or D5
Solution A
[conc: 1 mg/mL]

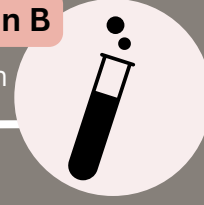
Test dose



Infuse the test dose (25mg = 25mL) over 15 mins to patient

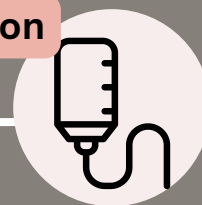
No adverse reaction

Dilution B



Dilute the rest of the Cosmofer required with 400mL NS or D5. Then, mix with the balance of **Solution A**

Administration



Administer over 4-6 hrs (rate can be increased to 45 – 60 drops/min progressively).

Reference:

1. Cosmofer Product Insert
2. Baird-Gunning, J., & Bromley, J. (2016). Correcting iron deficiency. Australian prescriber, 39(6), 193-199. <https://doi.org/10.18773/austprescr.2016.069>